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23598 7590 09/24/2010
BOYLE FREDRICKSON S.C.
840 North Plankinton Avenue
MILWAUKEE, WI 53203

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Michael J. McGovern	(Depositor's name)
Filing Electronically	(Signature)
October 13, 2010	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/591,196	10/01/2007	Kazunari Shinoh	1828.023	5896
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TITLE OF INVENTION: CRYSTAL OSCILLATOR SENSOR AND SUBSTANCE ADSORPTION DETECTION METHOD USING THE SENSOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional	YES	\$755	\$300	\$0	\$1055	12/27/2010
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EXAMINER	ART UNIT	CLASS-SUBCLASS
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LAPAGE, MICHAEL P	2886	356-445000
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1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.362).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Boyle Fredrickson, S.C.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY AND STATE OR COUNTRY)

Niigata University

Niigata, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies 3

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5. Change in Entity Status (from status indicated above)

☒ Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Michael J. McGovern
Typed or printed name Michael J. McGovern

Date October 13, 2010

Registration No. 28,326

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